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## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## LISTING OF CLAIMS:

1. (original) Hyperforin and adhyperforin derivatives of formula  $(\mathbf{I})$ 

$$R_2O$$

$$R_1$$

$$CH_2-R_1$$

$$R_1$$

$$R_1$$

$$R_1$$

$$R_1$$

$$R_1$$

in which R is methyl or ethyl,  $R_2$  is hydrogen, a pharmaceutically acceptable inorganic or organic base cation or a straight or branched  $C_2$ - $C_5$  acyl residue, and in which, alternatively:

- a)  $R_1$  is 3-methyl-but-1-yl and oxo groups are present at the 1- and 10- positions;
- b)  $R_1$  is 3-methyl-2-buten-1-yl and hydroxy groups are present at the 1- and 10- positions;
- c)  $R_1$  is 3-methyl-but-1-yl and hydroxy groups are present at the 1- and 10- positions;

for use as medicaments.

2. (original) Derivatives as claimed in claim 1 for the preparation of medicaments for use in the treatment of depression and Alzheimer's disease.

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- 3. (currently amended) Derivatives as claimed in  $\frac{1}{1}$  or  $\frac{1}{2}$  claim 1 in which  $R_2$  is hydrogen.
- 4. (currently amended) Derivatives as claimed in  $\frac{1}{1}$  or  $\frac{1}{1}$  in which  $\frac{1}{1}$  is  $\frac{1}{1}$  in which  $\frac{1}{1}$  is  $\frac{1}{1}$  and oxo groups are present at the  $\frac{1}{1}$  and  $\frac{1}{1}$  positions.
- 5. (original) Derivative as claimed in claim 4 in which R is methyl.
- 6. (currently amended) Derivatives as claimed in  $\frac{1}{1}$  or  $\frac{1}{1}$  in which  $R_2$  is acetyl,  $R_1$  is 3-methyl-but-1-yl and oxo groups are present at the 1- and 10- positions.
- 7. (original) Derivative as claimed in claim 6 in which R is methyl.
- 8. (original) A compound selected from: dodecahydrohyperforin (Ie), dodecahydroadhyperforin (If), acetyloctahydrohyperforin (Ih) and acetyloctahydroadhyperforin (Ii).
- 9. (original) Pharmaceutical compositions containing the compounds of claim 4.